Micro Filter™

Beyond filtration

Mr. Shailendra Mangal

(Chairman & Managing Director)

An alumnus of the prestigious Mayoor School, Ajmer, Mr. Shailendra Mangal earned his Bachelor's degree in Commerce from Ajmer University and later pursued a BBA in Marketing through the distance learning program of Annamalai University in 1997.

He began his career in the family business before venturing into the water purification industry in Nagpur, Maharashtra over two decades ago. Under his visionary leadership, MicroFilter has evolved into a trusted brand with a strong market presence and a loyal customer base.

Known for his multi-faceted leadership and empowering approach, Mr. Mangal has been instrumental in creating growth opportunities and nurturing a culture of entrepreneurship within the organization. His efforts have contributed significantly to job creation and fostering a generation of skilled, self-reliant individuals.

In recognition of his accomplishments, he was honored as the "Emerging Icon of Nagpur" in 2019 by The Times of India. Today, Mr. Mangal continues to guide the company with a sharp business acumen, a focus on quality and a commitment to making a meaningful contribution to society.

> *"Purity is more than a standard, it's a promise. In every drop we deliver, we build trust, health and a better future for all."*

Vision and Mission

Since 2010, our company has been manufacturing and supplying quality water filters for residential and commercial use. With the goal of becoming a world-class filtration company that seeks to “create value for customers and the environment.”

Our Company contributes to the happiness of people and the environment by providing innovative technologies and differentiated/distinguished products, in the field of filtration. Through these efforts, we are striving to become one of the leading brand in Indian water purification industry.

Mission

To reduce water wastage and ensure efficient filtration. To deliver customer delight and meaningful business experiences through innovative technologies and distinctive products for filtration and water treatments.

Vision

To become a world-class water-treatment company and create value for customers and ensuring good of the environment.

Company Profile

MICROFILTER has been in water treatment industry since 2010.

The company deals into

“Domestic, Commercial & Industrial Water Purification Systems.”

MICROFILTER is into manufacturing of Water Treatment Systems, both residential and industrial, and are specialised in providing water treatment systems for subsoil water, groundwater, borewell water, open well water, river water and tap water applications, with typical potable water production capacity starting at 8 litre/hour to 100000 litre/hour, with a diverse range of additional filtration attachments.

We cater to a wide range of Water Treatments Systems

- RO Systems: Domestic & Industrial, Commercial, community and others
- Industrial softeners and water purifiers
- Sewage Treatment Plants
- Effluent Treatment Plants
- DM (De Mineralisation) Plants
- Village Water Treatment Schemes.

With our extensive experience, expertise and potential founded on our years of experience. Our innovation edge is rooted in a strategic blend of talented manpower and technological prowess.

In order to help our engineers choose and develop the best water treatment systems for the kind of raw water each customer has access to, we keep up-to-date technology and equipment.

Team of competent fitters, welders, electricians, technicians and engineers of the industry to take up any size of project for STP, ETP & WTP.

Efficient team to convert opportunity in sales ensuring timely completion of the projects with utmost customer satisfaction and robust After Sales Service.

We give more than
pure water

Different Technologies of

Water Treatment We Provide

- WTP
- STP
- Swimming Pool Filtration System
- ETP
- Arsenic Removal Plant
- RO Machine
- UV
- Desalination Plant
- UF
- DM Plant
- Containerized WTP
- Gravity Based Non Electric Purifier
- Iron Removal Plant
- Water Softener
- Fluoride Removal Plant
- Sea Water Filtration
- Elecro Chlorinator
- Floating Barrier
- Softener
- Ozone Filtration

PP Filter Cartridge

Micro Filter®
Beyond filtration

Features

- Chemical resistance.
- Efficient filtration (1-20 microns)
- High dirt-holding capacity and low pressure drop
- Durable, non-toxic and easy to replace
- Cost-effective with fewer replacements needed

Advantages

- Versatile filtration for various contaminants
- Affordable with low maintenance costs
- Widely applicable in different industries
- High flow rate with low resistance

Micro Filter®
Beyond filtration

Wound Filter Cartridge

Features

- Durable material
- Long-lasting with fewer replacements
- Effective for fine and coarse filtration
- Maintains high flow rate
- Compatible with all standard systems

Advantages

- Protects main filters from dirt, dust & sand/ sediments
- Safe for potable water
- Eco-friendly with no wastewater produced
- Durable and chemical-resistant material
- Quick and simple installation in most systems

R.O. - Reverse Osmosis

RO Machine

Capacity
Upto 25
Litres Per Hour

Micro Filter

Commercial

CAPACITY
25-100
Litres Per Hour

Industrial

CAPACITY
100-1000
Litres Per Hour

Micro Filter

SS RO Plant

CAPACITY
1000-2000
Litres Per Hour

Industrial

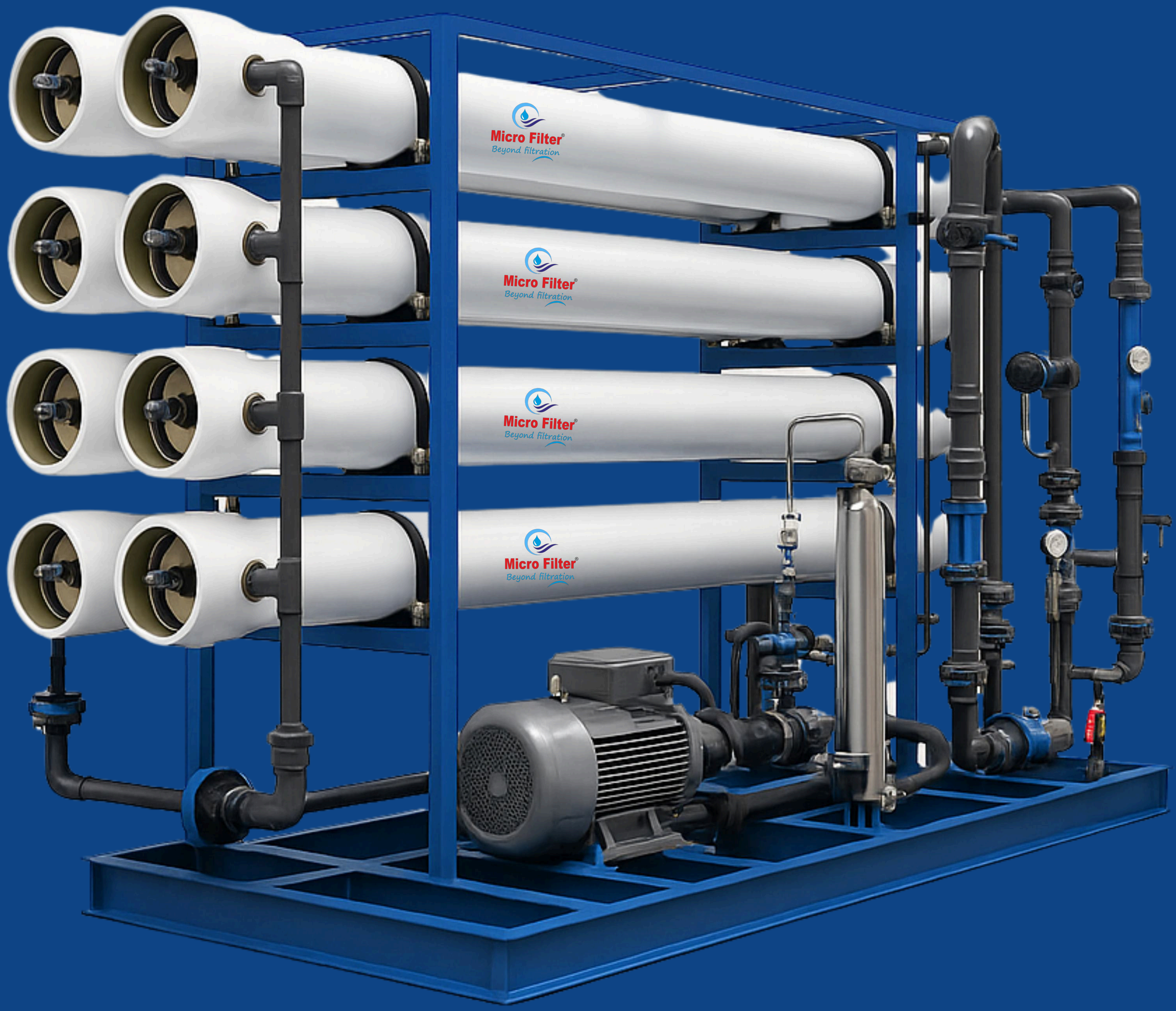
CAPACITY
2000-1Lac
Litres Per Hour

Micro Filter

Desalination Plant

Reliable Freshwater from Seawater

Our desalination plant utilises advanced reverse osmosis technology to provide a reliable source of fresh, potable water from seawater or brackish sources. With its durable, energy-efficient design, it ensures high rejection of salts and impurities at a low operating cost. Engineered for versatility, it supports various Shipping Ports, Municipalities and desalination projects, meeting diverse water demands with ease.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Capacity : Make to Order

DM Plant

The Demineralization Plant delivers high purity water by removing all dissolved salts and minerals using ion exchange technology. Commonly used in pharmaceutical, power generation, laboratory and electronics manufacturing. Available in two-bed and mixed-bed configurations. Ensures conductivity as low as <1 µS/cm.

Water Softener

Our water softeners remove calcium and magnesium ions that cause hardness, scale deposits and reduced appliance efficiency. They ensure extended life for plumbing systems, heating equipment, and household appliances. Ideal for residential, commercial and industrial applications. Available in automatic and manual models.

Capacity : Make to Order

Water Treatment Plant

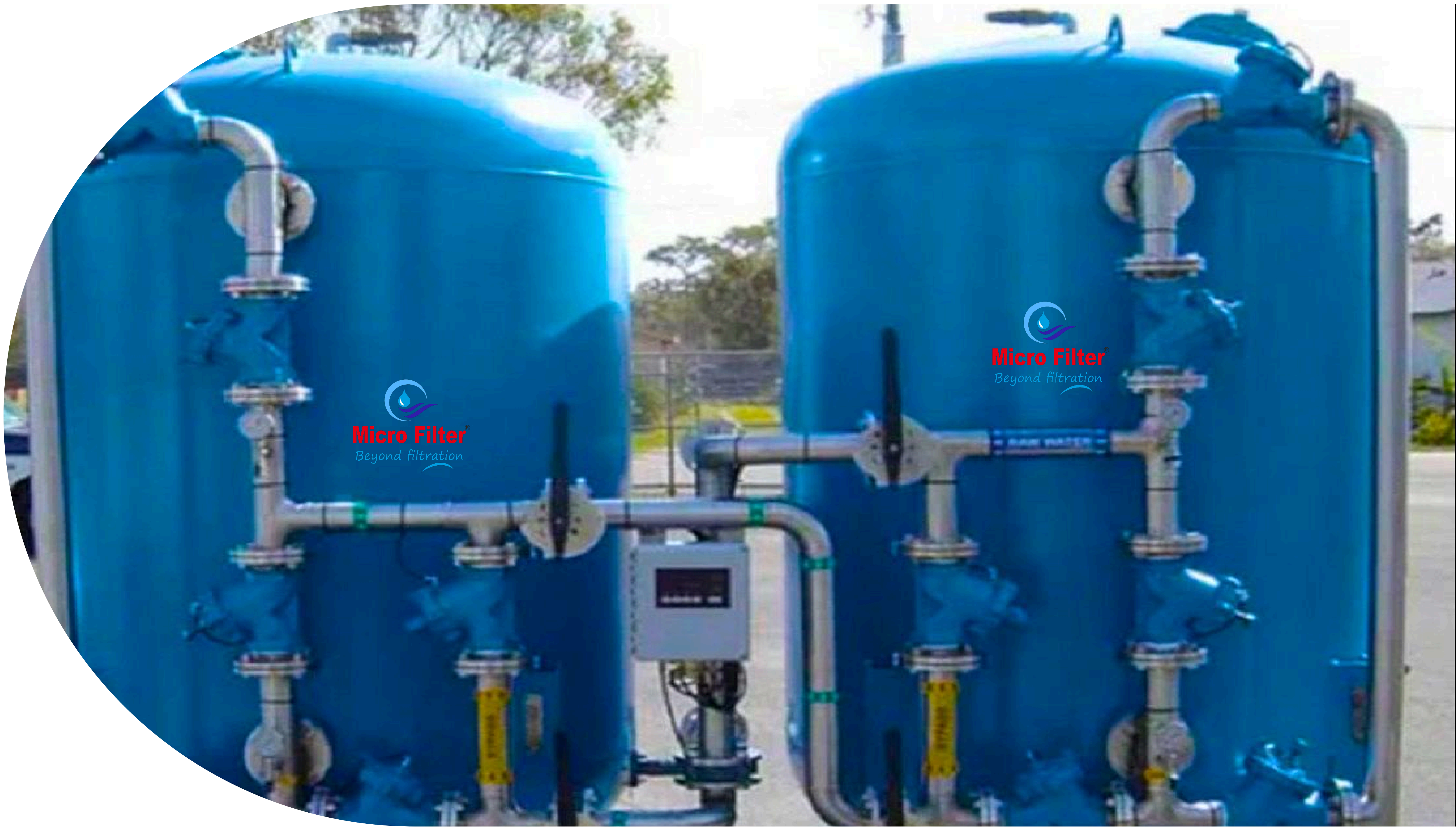
Our advanced water treatment systems can effectively remove Iron, Nitrate, Fluoride and Arsenic to ensure safe, clean drinking water. Designed for rural, municipal and industrial applications, these plants use specialized filtration media and robust engineering to meet WHO and BIS standards. Reliable, low-maintenance and customizable to suit varying water qualities.

Iron Removal Plant

Arsenic Removal Plant

Flouride Removal Plant

Nitrate Removal Plant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Capacity : Make to Order

Waste Water Treatment Plant

S.T.P.

Sewage
Treatment Plant

E.T.P.

Effluent
Treatment Plant

Capacity : Make to Order

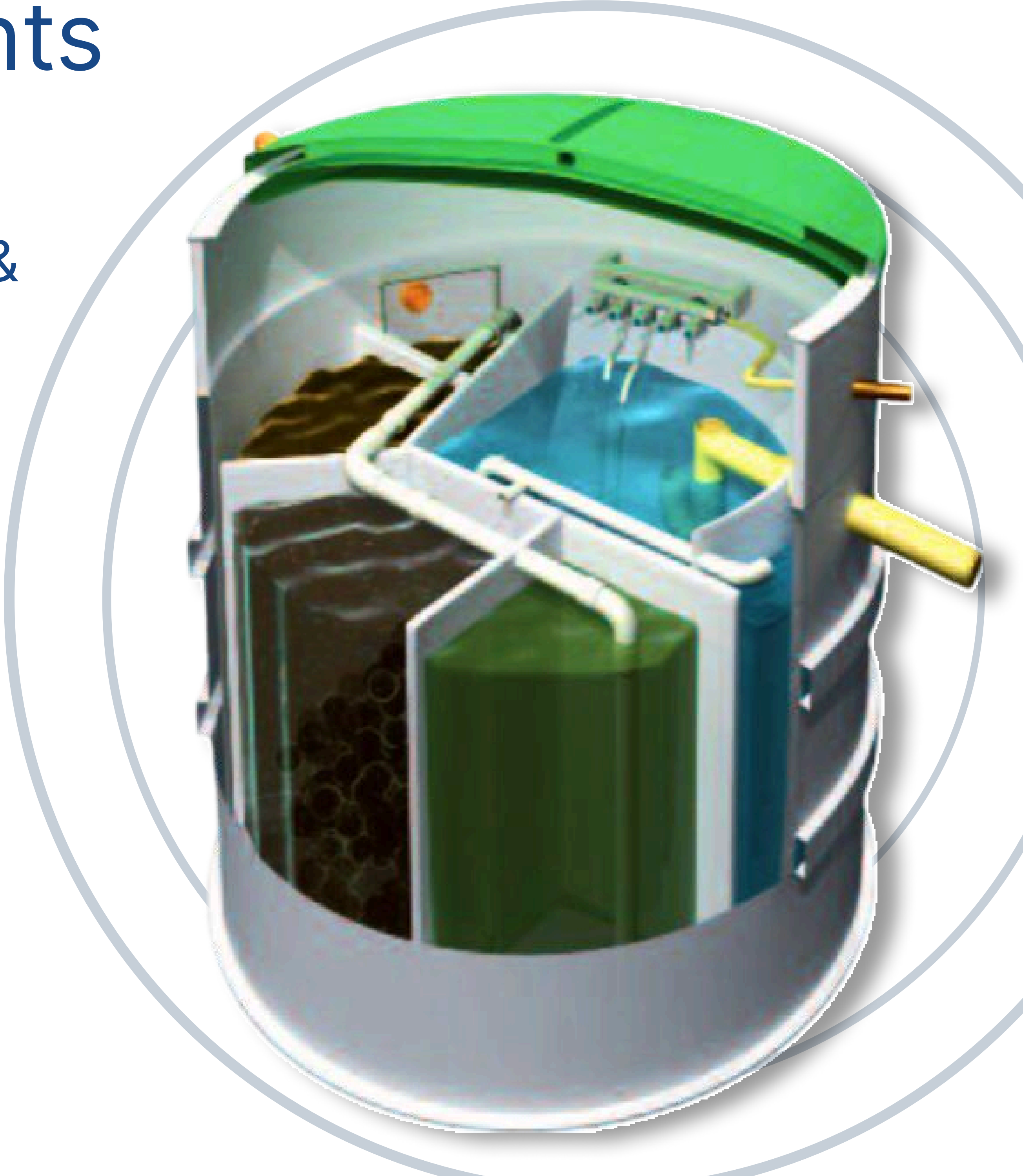
Floating Barriers

Upstream barrier block & collect solid waste effectively

- Measurable waste removed (tons)
- Cleaner water downstream
- Healthier river habitats

Automatic Compact Sewage Treatment Plants

Equipped with full modern technology free from operators, noise, vibrations & odour. Operation friendly, Compact & Energy efficient plant

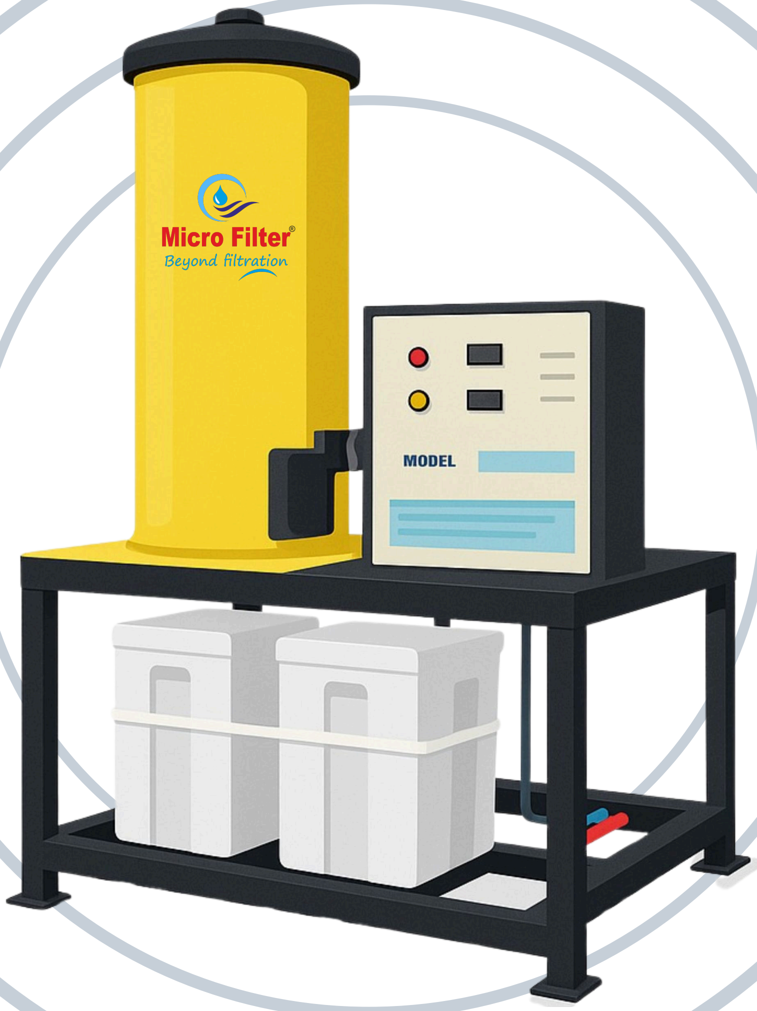


- Small Footprint
- No Smell / Odour
- No Operator
- Energy Efficient
- No Noice
- No Vibration
- No Chemical

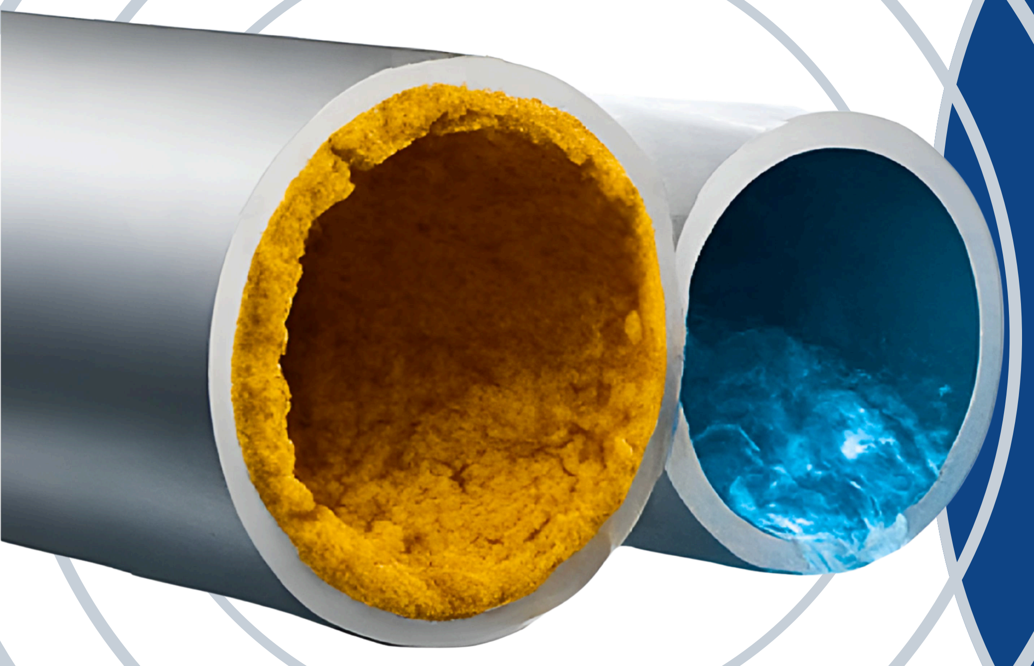
Capacity : Make to Order

Electro Chlorinator

Our Electro Chlorinator system generates sodium hypochlorite on-site using just salt, water and electricity eliminating the need for hazardous chemical storage. It ensures safe, continuous and cost-effective disinfection for drinking water, Public Water Drinking System, STPs, ETPs and industrial applications. Compact, low-maintenance and ideal for both remote and urban installations.



Anti-Scaling Solution



Protect your equipment with our advanced Anti-Scaling Solution designed to prevent scale formation in RO systems, boilers and heat exchangers. It extends membrane life, reduces maintenance and ensures uninterrupted performance. No more scale, no more downtime just smooth, efficient operation.

Usage:

- Society
- Home
- Industry
- Hospitals
- Public Water Drinking System

Capacity : Make to Order

Swimming Pool Filtration System

Micro Filter
Beyond filtration

Water Aeration System

Micro Filter

Our Water Aeration Systems enhance dissolved oxygen levels, control odors and restore water quality in ponds, lakes, STPs and reservoirs using energy-efficient, low-maintenance technologies.

Capacity : Make to Order

Pre-Filter Housing

Micro Filter
PRE-FILTER HOUSING
(5 MICRON)
PRE-FILTER BOWL

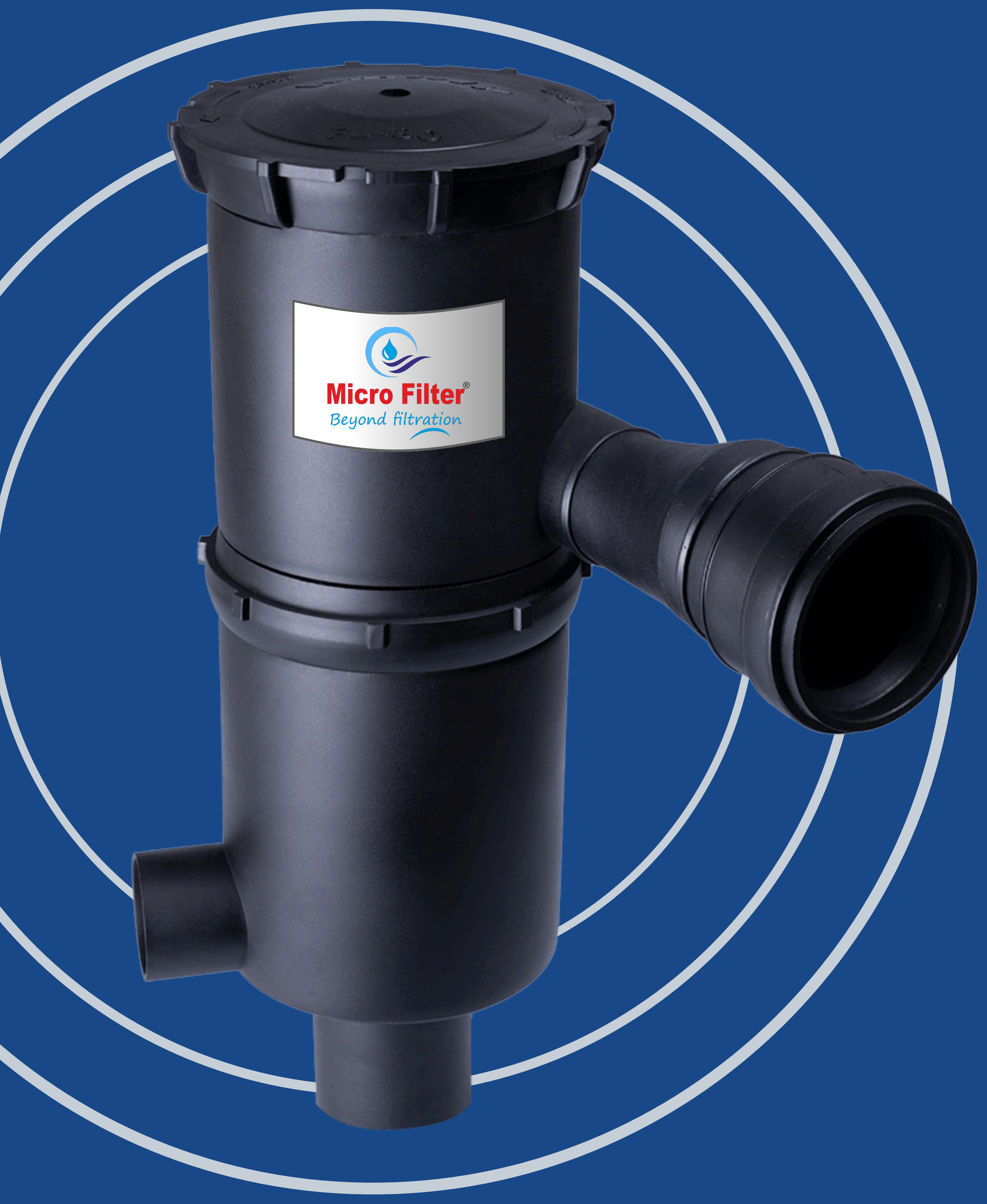
Advantages

- Protects main filters from dirt, dust sand/sediments
- Easy to clean and maintain
- Increases the lifespan of the filtration system
- Cost-effective by preventing system damage
- Simple to install and use
- Enhances overall system efficiency

Application

- Water Filtration Systems
- HVAC Systems
- Industrial Machinery
- Reverse Osmosis Systems

Rainwater Harvesting System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Microfilter's innovative filter uses cohesive and centrifugal force to separate dirt from rainwater efficiently. Its gravity-based, open-ended design ensures clog-free flow without power or consumables. Compact, wall-mounted and self-cleaning, it's ideal for rooftop rainwater harvesting and supports easy groundwater recharge using V-Wire technology.

Copper Filter

- Enhances water purity
- Reduces contaminants naturally
- Improves overall water quality
- Provides natural filtration
- Provides natural filtration

JORDAN
Copper Filter
COPPER FILTER
astron

Micro Filter
SEDIMENT FILTER
Micro Filter
CARBON FILTER

Inline Set Push Fit

- Filters particles as small as 0.01 microns
- No chemicals needed for operation
- Fast filtration with high flow rate
- Retains essential minerals
- Energy-efficient, no electricity required

Alkaline Filter

- Balances pH by making water alkaline
- Supports better hydration and digestion
- Enhances taste with natural minerals
- Provides antioxidant properties
- Adds essential minerals like calcium and magnesium

Alkaline Filter
Antioxidants - Antibacterial - Alkaline
JORDAN
Healthy Water, For Healthy Life

UF MEMBRANE
UF Filter
ASTRON

UF Membrane

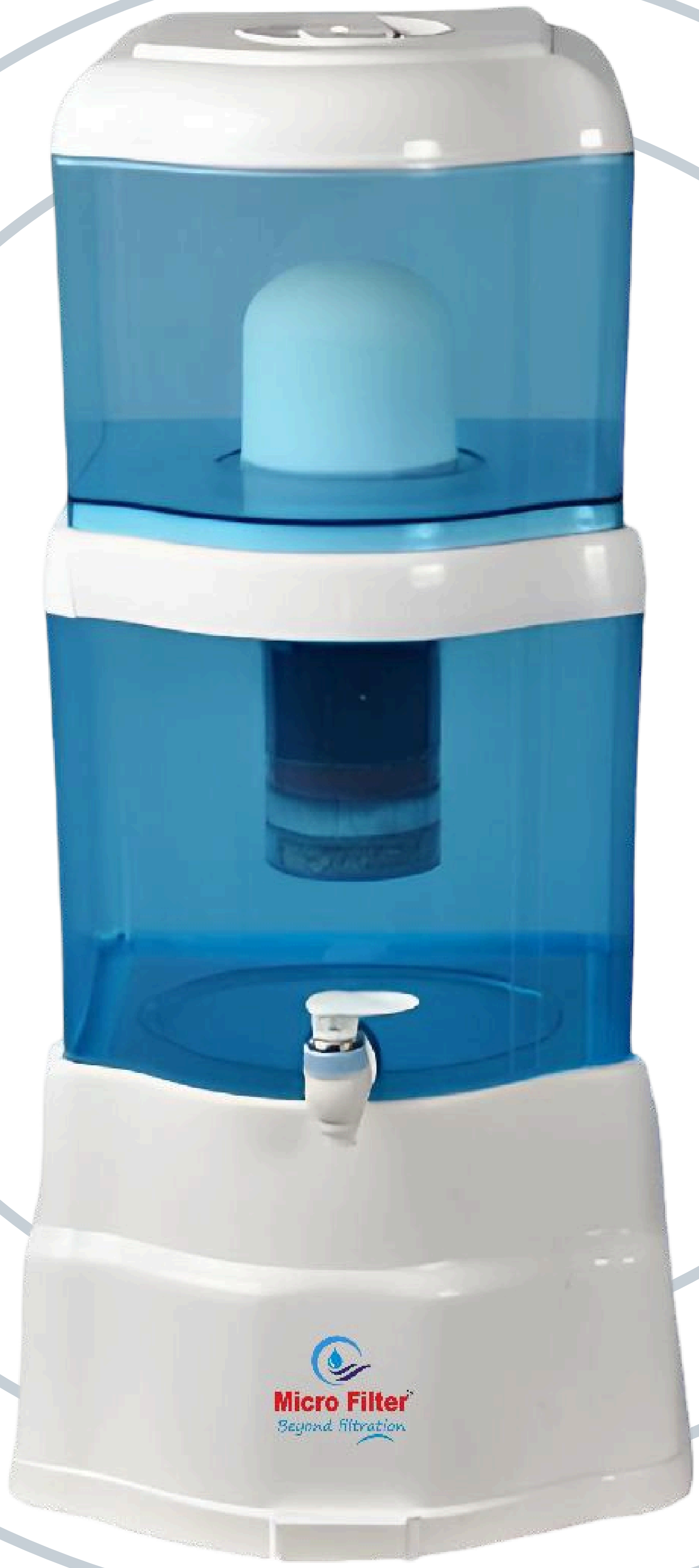
- Filters particles as small as 0.01 microns
- No chemicals needed for operation
- Fast filtration with high flow rate
- Retains essential minerals
- Energy-efficient, no electricity required

Gravity Based, Non Electric Water Purifier

Purification Stage-

5 Step Filtration:

1st step : Ceramic Dome Filter
2nd step : Granular Activated Carbon
3rd step : Silica Sand
4th step : Zeolite
5th step : Mineral Stones & Mineral Sand Dish



Area of Uses

- Homes, Offices & Banks
- Shops and Showrooms
- Hotels, Restaurants & Resorts
- Schools, Colleges & Hostels
- Clinics, Hospitals & Laboratories
- Industrial Water Needs
- Any Remote Place
- Natural Calamity

Capacity : 18 Liters
Flow Rate : 15 Liters Per Hour

"Enabling clean water access everywhere with easy-to-use solutions"

Waste Water Storage Tank

The 18-liters water storage tank having small capacity which is ideal for various use, especially in applications where space is limited.

Tank Specification

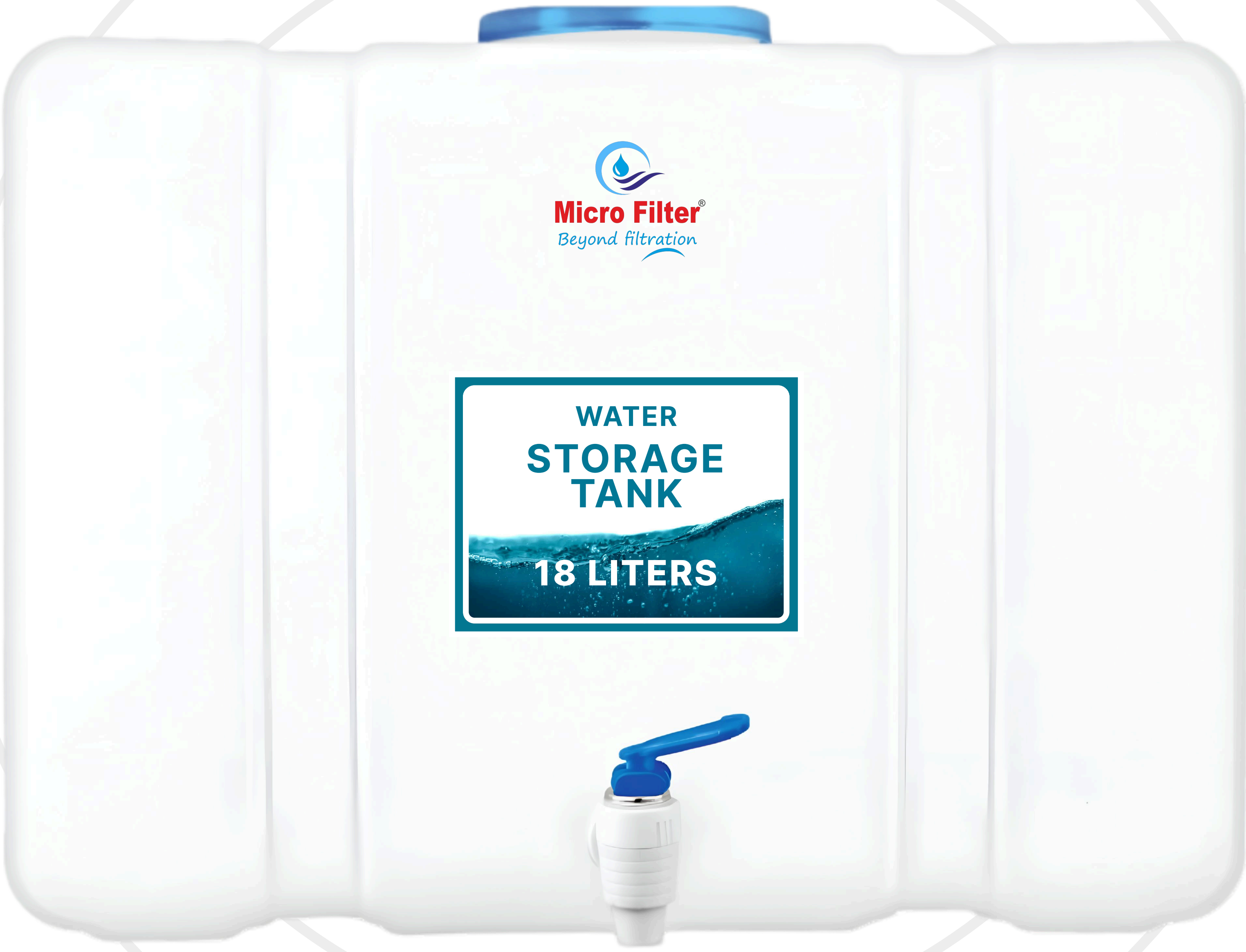
Type : Wastewater storage tank
Capacity : 18 Liters , 4.7 Gallon
Material : Food Grade Material
Flow Rate : 18-20 Liters Per Hour
Diamention : 13.5 cm x 39.8 cm x 31.5 cm

Uses

- Washing Dishes
- Floor Mopping
- Cleaning Platform
- Watering Plants
- Laundry Pre-wash
- Washing Vehicles

Suitable For

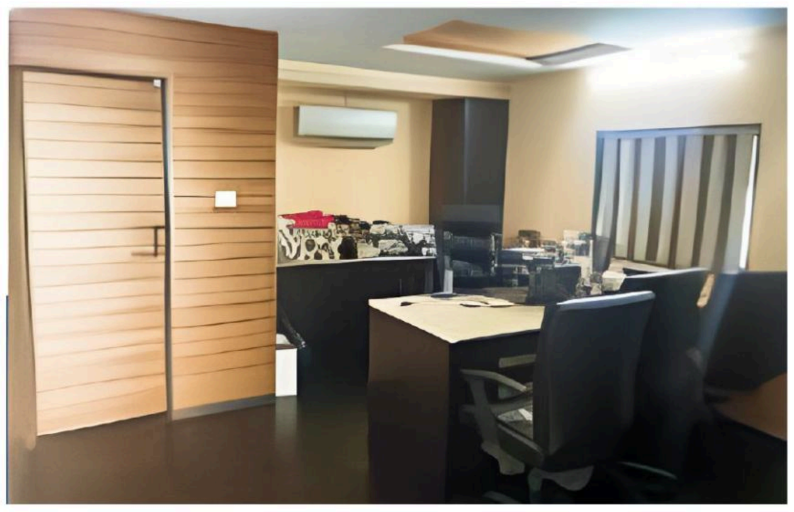
- Factories
- Resorts
- Offices
- Hospitals
- Schools
- Hotel
- Industry
- Food Trucks


Micro Filter®
Beyond filtration
WATER
STORAGE
TANK
18 LITERS

Our Production Facility

Our production facility is committed to uplifting the local community by fostering a diverse and inclusive workforce. We take pride in empowering local women through active participation in our assembly lines.

MICROFILTER
POLYMERS LTD.



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